

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A printing control apparatus that carries out printing with transmission of image data to a plurality of color printing devices, the plurality of color printing devices being capable of carrying out the printing upon input of image data expressed in a first color system and process of color conversion into image data expressed in a second color system, the printing control apparatus comprising:

a specification module that specifies the color printing device among the plurality of color printing devices for carrying out the printing;

a color conversion information setting module that sets color conversion information corresponding to the specified color printing device, the color conversion information defining the color conversion, wherein a group of color conversion information is defined in the format of a color conversion table that enables tone data in the first color system to be converted into tone data in the second color system, the color conversion information setting module including

a color conversion information storage module that stores standard color conversion information used in common among the plurality of color printing devices and multiple sets of correction data for correcting the standard color conversion information, the multiple sets of correction data being preset to respective color printing devices, and

a color conversion information generation module that generates the color conversion information, based on the standard color conversion information and the correction data corresponding to the specified color printing device; and

a transmission module that transmits the image data and the color conversion information to the specified color printing device, wherein the multiple sets of the standard color conversion information are preset depending on the type of printing media, and wherein the color conversion information generation module generates the color conversion information using the standard color conversion information corresponding to the type of printing medium that is selected by a user.

Claim 2 (Currently Amended): A printing control apparatus ~~in accordance with claim 1,~~
~~wherein the plurality of printing devices include a plurality of color printing devices that~~
~~carries out printing with transmission of image data to a plurality of color printing devices,~~
~~the plurality of color printing devices being capable of carrying out the printing upon input of~~
~~image data expressed in a first color system and process of color conversion into image data~~
~~expressed in a second color system, the printing control apparatus comprising:~~

a specification module that specifies the color printing device among the plurality of
color printing devices for carrying out the printing;

a color conversion information setting module that sets color conversion information
corresponding to the specified color printing device, the color conversion information
defining the color conversion, wherein a group of color conversion information is defined in
the format of a color conversion table that enables tone data in the first color system to be
converted into tone data in the second color system, the color conversion information setting
module including

a color conversion information storage module that stores standard color
conversion information used in common among the plurality of color printing devices
and multiple sets of correction data for correcting the standard color conversion
information, the multiple sets of correction data being preset to respective color
printing devices, and

a color conversion information generation module that generates the color
conversion information, based on the standard color conversion information and the
correction data corresponding to the specified color printing device; and

a transmission module that transmits the image data and the color conversion
information to the specified color printing device, wherein multiple sets of the standard color
conversion information are preset depending on the type of print modes, and wherein the
color conversion information generation module generates the color conversion information
using the standard color conversion information depending on the print mode that is selected
by the user.

Claims 3-7 (Canceled).

Claim 8 (Currently Amended): A printing control method for causing a plurality of color printing devices to carry out printing with transmission of image data, the plurality of color printing devices being capable of carrying out the printing upon input of image data expressed in a first color system and process of color conversion into image data in a second color system, the printing control method comprising the steps of:

(a) specifying the color printing device among the plurality of color printing devices for carrying out the printing;

(b) setting color conversion information corresponding to the specified color printing device, the color conversion information defining the color conversion, wherein a group of the color conversion information is defined in the format of a color conversion table that enables tone data in the first color system to be converted into tone data in the second color system, the setting of the color conversion information corresponding to the specified color printing device including

preparing standard color conversion information used in common among the plurality of printing devices and multiple sets of correction data for correcting the standard color conversion information, the correction data being preset to respective printing devices, and

generating the color conversion information, based on the standard color conversion information and the correction data corresponding to the specified printing device; and

(c) transmitting the image data and the color conversion information to the specified color printing device,

wherein the multiple sets of the standard color conversion information are preset depending on the type of printing media, and

wherein the step (b) generates the color conversion information using the standard color conversion information corresponding to the type of the printing media that is selected by a user.

Claim 9 (Currently Amended): A printing control method ~~in accordance with claim 8,~~
~~wherein the plurality of printing devices include a plurality of color printing devices for~~
~~causing a plurality of color printing devices to carry out printing with transmission of image~~
~~data, the plurality of color printing devices being capable of carrying out the printing upon~~
~~input of image data expressed in a first color system and process of color conversion into~~
~~image data in a second color system, the printing control method comprising the steps of:~~

(a) specifying the color printing device among the plurality of color printing devices
for carrying out the printing;

(b) setting color conversion information corresponding to the specified color printing
device, the color conversion information defining the color conversion, wherein a group of
the color conversion information is defined in the format of a color conversion table that
enables tone data in the first color system to be converted into tone data in the second color
system, the setting of the color conversion information corresponding to the specified color
printing device including

preparing standard color conversion information used in common among the
plurality of printing devices and multiple sets of correction data for correcting the
standard color conversion information, the correction data being preset to respective
printing devices, and

generating the color conversion information, based on the standard color
conversion information and the correction data corresponding to the specified printing
device; and

(c) transmitting the image data and the color conversion information to the specified
color printing device,

wherein the multiple sets of the standard color conversion information are preset
depending on the type of print modes, and

wherein the step (b) generates the color conversion information using the standard
color conversion information corresponding to the type of the printing mode that is selected
by the user.

Claims 10-14 (Canceled).

Claim 15 (Currently Amended): A computer readable recording medium in which a computer program that causes a plurality of color printing devices to carry out printing with transmission of image data upon input of the image data expressed in a first color system and process of color conversion into the image data in a second color system is recorded, the computer readable recording medium causing the computer to perform the functions of:

specifying the color printing device among the plurality of color printing devices for carrying out the printing;

setting color conversion information corresponding to the specified color printing device, the color conversion information defining the color conversion, wherein a group of the color conversion information is defined in the format of a color conversion table that enables tone data in the first color system to be converted into tone data in the second color system, the function of setting the color conversion information corresponding to the specified color printing device including the functions of

referring standard color conversion information used in common among the plurality of color printing devices and multiple sets of correction data for correcting the standard color conversion information, the multiple sets of the correction data being preset to respective color printing devices, and

generating the color conversion information based on the standard color conversion information and the correction data corresponding to the specified color printing device; and

transmitting the image data and the color conversion information to the specified color printing device,

wherein the multiple sets of the standard color conversion information are preset depending on the type of printing media, and

wherein the function of setting the color conversion information corresponding to the specified color printing device generates the color conversion information using the standard color conversion information corresponding to the printing media that is selected by a user.

Claim 16 (Currently Amended): A computer readable recording medium ~~in accordance with claim 15 wherein the plurality of printing devices include a plurality of color printing devices~~ in which a computer program that causes a plurality of color printing devices to carry out printing with transmission of image data upon input of the image data expressed in a first color system and process of color conversion into the image data in a second color system is recorded, the computer readable recording medium causing the computer to perform the functions of:

specifying the color printing device among the plurality of color printing devices for carrying out the printing;

setting color conversion information corresponding to the specified color printing device, the color conversion information defining the color conversion, wherein a group of the color conversion information is defined in the format of a color conversion table that enables tone data in the first color system to be converted into tone data in the second color system, the function of setting the color conversion information corresponding to the specified color printing device including the functions of

referring standard color conversion information used in common among the plurality of color printing devices and multiple sets of correction data for correcting the standard color conversion information, the multiple sets of the correction data being preset to respective color printing devices, and

generating the color conversion information based on the standard color conversion information and the correction data corresponding to the specified color printing device; and

transmitting the image data and the color conversion information to the specified color printing device,

wherein the multiple sets of the standard color conversion information are preset depending on the type of print modes, and

wherein the color conversion information setting function generates the color conversion information using the standard color conversion information corresponding to the print mode that is selected by the user.

Claims 17-21 (Canceled).